

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
)
	Shinya Kimoto et al.)
)
Serial No.:	10/816,836) Art Unit
) 2838
Confirmation No.:	2701)
)
Filed:	April 5, 2004)
)
For:	BATTERY PACK APPARATUS)
)
Customer No.:	022913)

REVOCATION AND SUBSTITUTE POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, the undersigned, [Yoshiro HAYASHI], state that I am the [President] of Panasonic EV Energy Co., Ltd. and that I am authorized to execute this Revocation and Substitute Power of Attorney on behalf of Panasonic EV Energy Co., Ltd.

I further state that Panasonic EV Energy Co., Ltd. is the assignee of the entire interest of the U.S. patent applications and/or patents listed in Exhibit A, as shown by the assignments recorded in the U.S. Patent and Trademark Office at the Reel and Frame numbers identified in Exhibit A for said patent applications and/or patents. The patent applications and/or patents identified in Exhibit A include each of the patent cases (hereinafter the "above-identified patent application") in which this document is now being filed in the U.S. Patent & Trademark Office.

The assignee, Panasonic EV Energy Co., Ltd., hereby revokes all previous powers of attorney in the above-identified patent application, and now hereby appoints all attorneys under:

CUSTOMER NUMBER: 022913

of WORKMAN NYDEGGER as attorney with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the Letters Patent, and to transact all business in the Patent and Trademark Office connected therewith.

All correspondence and telephonic communication should be directed to:

R. BURNS ISRAELSEN

Registration No. 42,685

Telephone: (801) 533-9800

Facsimile: (801) 328-1707

E-mail address: bisraelsen@wnlaw.com

at the address associated with the above-identified customer number.

This Revocation and Substitute Power of Attorney and Statement under 37 C.F.R. 3.73(b)(1) is effective for the above-identified patent application, and all patent applications and/or patents identified in Exhibit A, and I authorize the attorneys of WORKMAN NYDEGGER to file this document at the U.S. Patent & Trademark Office for all patent applications and/or patents identified in Exhibit A.

Signed this 14th day of July, 2006.

By: *Yoshiro Hayashi*
[Yoshiro HAYASHI]
[President]

Panasonic EV Energy Co., Ltd.

[555, Sakaijuku, Kosai-shi, Shizuoka 431-0452 Japan]

EXHIBIT A

Patent Applications and/or Patents Subject to Revocation and Substitute Power of Attorney and Statement under 37 C.F.R. 3.73(b)(1)

A chain of title of the following U.S. Patent Applications and/or Patents to Panasonic EV Energy Co., Ltd. is recorded at the Reel and Frame numbers identified below.

Workman Nydegger Ref. No.	Greenblum & Bernstein Ref. No.	Application No. / Patent No.	Filing Date / Issue Date	Reel & Frame Number of Assignment(s) Showing Chain of Title
16169.26.1	P22953	10/287,642 6,903,534	05-Nov-02 07-Jun-05	Reel 013464, Frame 0343
16169.26.2	P22939	10/285,593 6,841,291	01-Nov-02 11-Jan-05	Reel 013451, Frame 0035
16169.26.3	P23031	10/303,894 6,762,590	26-Nov-02 13-Jul-04	Reel 013524, Frame 0429
16169.26.4	P23221	10/331,323 6,919,707	31-Dec-02 19-Jul-05	Reel 013635, Frame 0040
16169.26.5	P23213	10/330,117 6,828,798	30-Dec-02 07-Dec-04	Reel 013621, Frame 0133
16169.26.6	P25093	10/489,615 7,019,488	23-Mar-04 28-Mar-06	Reel 016094, Frame 0506
16169.26.7	P24978	10/785,989	26-Feb-04	Reel 015020, Frame 0930
16169.26.9	P25082	10/806,285 6,819,085	23-Mar-04 16-Nov-04	Reel 015130, Frame 0295
16169.26.10	P25121	10/816,836	5-Apr-04	Reel 015182, Frame 0937
16169.26.11	P29274	11/350,821	10-Feb-06	Reel 017556, Frame 0753
16169.26.12	P29757	11/400,210	10-Apr-06	*See attached assignment*

ASSIGNMENT

WHEREAS, **Shuhei MARUKAWA**, a citizen of Japan, whose post office address is 555, Sakaijyuku, Kosai-shi, Shizuoka 431-0452 JAPAN; **Masahiro MISU**, a citizen of Japan, whose post office address is 555, Sakaijyuku, Kosai-shi, Shizuoka 431-0452 JAPAN; and **Toyohiko ETO**, a citizen of Japan, whose post office address is 555, Sakaijyuku, Kosai-shi, Shizuoka 431-0452 JAPAN, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

POWER SOURCE DEVICE

for which they have jointly executed an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

AND WHEREAS, **PANASONIC EV ENERGY CO., LTD.**, a corporation organized and existing under the laws of Japan, whose post-office address is 555, Sakaijyuku, Kosai-shi, Shizuoka 431-0452 JAPAN, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective dates indicated below.

Shuhei Marukawa
Shuhei MARUKAWA

March 3, 2006
Date

Masahiro Misu
Masahiro MISU

March 3, 2006
Date

Toyohiko Eto
Toyohiko ETO

March 3, 2006
Date